

## Special Issue

# Molecular Mechanisms of Plant-Rhizosphere Communication

### Message from the Guest Editors

This Special Issue aims to collect scientific contributions (in the form of reviews or original articles) that can gain more insight into the molecular signals that allow plants to communicate with the rhizosphere to get nutritional and health benefits. main sub-topics of this issue include: - Molecular signals and receptors controlling plant-rhizosphere communication - Modes of signal perception and transduction by roots - Nutrient-hormone signaling and crosstalk in the rhizosphere and in the plant - Rhizosphere factors influencing plant-nutrient sensing - Plant interactions with rhizosphere microorganisms - Plant-plant interactions - Cutting-edge technologies for studying plant-rhizosphere interactions - Rhizosphere engineering: natural and synthetic plant-microbe interactions

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### Guest Editors

Dr. Michela Schiavon

Dr. Gianpiero Vigani

Dr. Laura Zanin

Dr. Veronica Santoro

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### Deadline for manuscript submissions

closed (31 December 2021)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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